IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): An information processing apparatus for reproducing an audio-only disk-shaped recording medium, said apparatus comprising:

a disk receiving means for receiving at least the audio-only disk-shaped recording medium;

reproducing means for ~~at least~~ reproducing an audio data signal from said audio-only disk-shaped recording medium;

storing means for storing data; and

controlling means for controlling reproduction of audio data from said audio-only disk-shaped recording medium on the basis of control information stored in said storing means;

wherein said controlling means controls the reproduction of said audio data on the basis of system controlling software stored in said storing means, said ~~system~~ controlling ~~software comprising:~~ means configured to provide:

an application layer for converting a request from application software into a predetermined command and outputting the predetermined command, wherein the predetermined command is independent of a type of file system being used; and

a driver layer having a file system layer including a virtual file system and an audio-only file system, wherein the virtual file system receives the predetermined command from the application layer, determines a corresponding control command for the audio-only file system, and outputs the corresponding control command to the ~~an~~ audio-only file system ~~for generating a control command to be outputted~~ which outputs the received corresponding control command to a device driver in a device layer ~~at least~~ for said reproducing means to

read the audio data from said audio-only disk-shaped recording medium, <u>and</u> to control a

~~device~~ <u>the disk receiving means</u> corresponding to said <u>corresponding control</u> command ~~on the~~

~~basis of said command inputted from said application layer~~.

Claim 2 (Original): The information processing apparatus as claimed in claim 1,

wherein said file system layer outputs to said device layer a disk-related information

readout control command to read out disk-related information having predetermined

information related to recorded data recorded on said audio-only disk-shaped recording

medium; and

said file system layer generates a disk-related information file including additional

information related to the recorded data recorded on said audio-only disk-shaped recording

medium on the basis of the disk-related information outputted on the basis of said disk-

related information readout control command.

Claim 3 (Original): The information processing apparatus as claimed in claim 2,

wherein said file system layer generates said disk-related information file such that

said disk-related information file includes recording control information that is referred to

when the recorded data recorded on said audio-only disk-shaped recording medium is to be

recorded onto another recording medium.

Claim 4 (Original): The information processing apparatus as claimed in claim 3,

wherein when said recording control information indicates that the recorded data

recorded on said audio-only disk-shaped recording medium is allowed to be recorded onto

another recording medium, said file system layer generates a control command to reproduce

the recorded data from said audio-only disk-shaped recording medium, generates a recording

control command to control another recording medium on which to record said recorded data,

and outputs said generated recording control command to a device driver that controls

recording means for recording the data onto said other recording medium.

Claim 5 (Currently Amended): The information processing apparatus as claimed in

claim 1, wherein said file system layer further includes ~~an ISO 9660~~ a second file system

~~layer~~ different from the audio-only file system, the second file system corresponding to a

disk-shaped recording medium on which computer data is recorded, the virtual file system

being configured to determine a second corresponding control command for the second file

system and output the second corresponding control command to the second file system, the

second file system being configured to allow ~~for allowing a~~ the disk-shaped recording

medium on which computer data is recorded ~~on the basis of an ISO 9660 format~~ to be

reproduced by said reproducing means when the disk-shaped recording medium on which

computer data is recorded is received in the disk receiving means.

Claim 6 (Original): The information processing apparatus as claimed in claim 1,

wherein said file system layer is included in operating system software that controls

said information processing apparatus.

Claim 7 (Original): The information processing apparatus as claimed in claim 2,

wherein said disk-related information is obtained from sub-code data read from said

audio-only disk-shaped recording medium.

Claim 8 (Currently Amended): An information processing method, implemented on

an information processing apparatus, for reading an audio signal from an audio-only disk-

shaped recording medium ~~by a reproducing device~~ <u>inserted into a disk receiving unit of the</u>

<u>information processing apparatus,</u> and reproducing the audio signal, said method comprising:

~~a step for~~ converting<u>, at an application layer provided by the information processing</u>

<u>apparatus,</u> a request from application software into a predetermined command in a file system

layer and outputting the <u>predetermined</u> command<u>, wherein the predetermined command is</u>

<u>independent of a type of file system being used</u>; and

~~a processing step corresponding to~~ <u>receiving, at the file system layer provided by the</u>

<u>information processing apparatus, the predetermined command from the application layer, the</u>

<u>file system layer including a virtual file system and</u> an audio-only file system, <u>wherein the</u>

<u>virtual file system receives the predetermined command from the application layer,</u>

<u>determines a corresponding control command for the audio-only file system, and outputs the</u>

<u>corresponding control command to the audio-only file system, the audio-only file system</u>

<u>outputting the received corresponding command</u> ~~for generating a control command to be~~

~~outputted~~ to a device driver in a device layer ~~at least~~ for said ~~reproducing device~~ <u>disk</u>

<u>receiving unit</u> to read audio data from said audio-only disk-shaped recording medium, to

control ~~a device~~ <u>said disk receiving unit</u> corresponding to said <u>corresponding control</u>

command ~~on the basis of said command converted by said conversion and inputted~~.

Claim 9 (Original): The information processing method as claimed in claim 8,

wherein said file system layer outputs to said device layer a disk-related information

readout control command to read out disk-related information having predetermined

information related to recorded data recorded on said audio-only disk-shaped recording

medium; and

said file system layer generates a disk-related information file including additional

information related to the recorded data recorded on said audio-only disk-shaped recording

medium on the basis of the disk-related information outputted on the basis of said disk-related information readout control command.

Claim 10 (Original): The information processing method as claimed in claim 9,

wherein said file system layer generates said disk-related information file such that said disk-related information file includes recording control information that is referred to when the recorded data recorded on said audio-only disk-shaped recording medium is to be recorded onto another recording medium.

Claim 11 (Original): The information processing method as claimed in claim 10,

wherein when said recording control information indicates that the recorded data recorded on said audio-only disk-shaped recording medium is allowed to be recorded onto another recording medium, said file system layer generates a control command to reproduce the recorded data from said audio-only disk-shaped recording medium, generates a recording control command to control another recording medium on which to record said recorded data, and outputs said generated recording control command to a device driver that controls recording means for recording the data onto said other recording medium.

Claim 12 (Currently Amended): The information processing method as claimed in claim 8,

wherein said file system layer further includes an ISO 9660 a second file system layer different from the audio-only file system, the second file system corresponding to a disk-shaped recording medium on which computer data is recorded, the virtual file system being configured to determine a second corresponding control command for the second file system and output the second corresponding control command to the second file system, the second

file system being configured to allow ~~for allowing a~~ the disk-shaped recording medium on which computer data is recorded ~~on the basis of an ISO 9660 format~~ to be reproduced by said ~~reproducing means~~ disk receiving unit when the disk-shaped recording medium on which computer data is recorded is received in the disk receiving unit.

Claim 13 (Original): The information processing method as claimed in claim 8, wherein said file system layer is included in operating system software that controls said information processing method.

Claim 14 (Original): The information processing method as claimed in claim 9, wherein said disk-related information is obtained from sub-code data read from said audio-only disk-shaped recording medium.

Claim 15 (New): An information processing apparatus for reproducing an audio-only disk-shaped recording medium, said apparatus comprising:

a disk receiving unit configured to receive at least the audio-only disk-shaped recording medium;

reproducing unit configured to reproduce an audio data signal from said audio-only disk-shaped recording medium;

storing unit configured to store data; and

controlling unit configured to control reproduction of audio data from said audio-only disk-shaped recording medium on the basis of control information stored in said storing unit;

wherein said controlling unit controls the reproduction of said audio data on the basis of system controlling software stored in said storing unit, said controlling unit configured to provide:

an application layer for converting a request from application software into a

predetermined command and outputting the predetermined command, wherein the

predetermined command is independent of a type of file system being used; and

a driver layer having a file system layer including a virtual file system and an audio-

only file system, wherein the virtual file system receives the predetermined command from

the application layer, determines a corresponding control command for the audio-only file

system, and outputs the corresponding control command to the audio-only file system which

outputs the received corresponding control command to a device driver in a device layer for

said reproducing unit to read the audio data from said audio-only disk-shaped recording

medium, and to control the disk receiving unit corresponding to said corresponding control

command.

Claim 16 (New): The information processing apparatus as claimed in claim 1, the

virtual file system including a register table which stores a plurality of corresponding control

commands of a file system;

the virtual file system being configured to register one of a plurality of corresponding

control commands of the audio-only file system in the register table, to retrieve from the

register table one of the plurality of corresponding control commands based on the

predetermined command inputted from the application layer, and to send the corresponding

control command to the audio-only file system.

Claim 17 (New): The information processing apparatus as claimed in claim 5, the

second file system being an ISO 9660 file system for storing computer data which is recorded

on the basis of an ISO 9660 format.